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## Fax message

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|---------|--|-------------|---|
| To      | <b>Examiner T. Fetzner</b>                               | Location    | <b>571-272-2241</b>                           |
| cc      |  | Fax         | <b>703-872-9306</b>                           |
| From    | <b>Kerry Morris</b>                                      | Date        | <b>June 15, 2005</b><br><i>April 26, 2005</i> |
| Subject | <b>Serial No. 10/064,727</b><br><b>Our File: 20.2760</b> | Pages (inc) | <b>13</b>                                     |

Attached please find a copy of the response to the office action per your request.

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If you do not receive all pages, please call: (281) 285-8377.

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## Fax message

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|         |  |             |                       |
|---------|--|-------------|-----------------------|
| To      | <b>Examiner T. Fetzner</b>                               | Location    | <b>USPTO</b>          |
| cc      |  | Fax         | (703)872-9306         |
| From    | <b>Kevin McEnaney</b>                                    | Date        | <b>April 19, 2005</b> |
| Subject | <b>Serial No: 10/064,727</b><br><b>Our File: 20.2760</b> | Pages (inc) | <b>12</b>             |

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Please find the attached submission responsive to the pending Office Action relating to the above referenced Serial No. Please do not hesitate to contact me if you would like to discuss this matter or if there are any problems with this facsimile transmission.

Best regards,

Kevin McEnaney  
Intellectual Property Attorney  
Schlumberger Technology Corporation  
200 Gillingham Lane  
Sugar Land, TX 77478  
phone 281-285-7325  
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NO. 533 P. 3

JUN 15 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

|             |  |   |                      |            |
|-------------|--|---|----------------------|------------|
| Serial No.: | 10/064,727   | ) | Attorney Docket No.: | 20.2760    |
| Filed:      | August 8, 2002   | ) | Group Art Unit:      | 2859       |
| Title:      | Combining NMR, Density and High<br>Frequency Dielectric Logging<br>Measurements for Improved<br>Formation Evaluation | ) | Examiner:            | T. Fetzner |

I hereby certify that this correspondence is being facsimile  
transmitted to the United States Patent and Trademark  
Office, Fax No. (703)872-9306 on the below indicated  
date.

Kevin McEnaney

Date

Response and Amendment

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Ma'am:

In response to the Office Action dated March 3, 2005, please enter the following response and amendment.

Introductory Remarks

Claims 5, 10, 16, 20-24 and 29 are objected to for lack of antecedent basis. These claims have been amended to correct the defect or cancelled. Claims 1-5, 8, 10-12 and 30 are rejected under 35 USC 102(b) as being anticipated by Lew. Claims 6, 7, 31 and 32 are rejected under 35 USC 103(a) as being unpatentable over Lew. Claims 28 and 29 are rejected under 35 USC 103(a) as being unpatentable over Schoen. Applicant acknowledge the

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indication of allowability for claims 9, 13 and 15-24. Claims 1-24 and 28-32 remain under consideration in this application.